

Lexham Hall

(200kW Heizomat Biomass Boiler –
District Heating Scheme)



Project History

The owner was interested in installing a wood chip boiler in order to lower fuel costs and utilise the woodland resource from within Lexham Estate. The requirement was to heat the Hall, two Cottages, the Estate office and a Greenhouse.



Solution

Nexus Energy Ltd designed and specified the wood fuelled heating system using a Heizomat RHK-AK 204 (198kW) boiler system – a fully modulating and completely automated biomass solution. The district heating scheme was specified to take heat from the most convenient boiler/hopper location to the properties and areas of proportional heat demand.



Heizomat RHK-AK 204 boiler
(198kW output)



Hydraulic lid fuel store designed
and constructed by Nexus Energy

The Boiler is expected to use c. 120 tonnes of seasoned wood chip per year. Wood chip is transported from an annual fuel store within close proximity to an immediate fuel store using a telehandler with a large bucket.



Enerpipe heat transfer units with Kamstrup
Class II RHI compliant heat meters

Client Feedback

“Nexus Energy delivered the project as explained from the start. I am extremely happy with the outcome and service they provided”